



The Blurb



Newsletter of The Phil-Mont Mobile Radio Club
Public Service Since 1949

Volume 56 Number 6

<http://www.phil-mont.org>

June 2006



June 24-25



**Fort Washington
State Park**

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The *Blurb* is published monthly
by, and for, the
members of **The PHIL-MONT
MOBILE RADIO CLUB, INC.**

powered by
 OpenOffice.org

whose purpose is to promote Amateur
Radio in general, and Mobile Radio in particular. *Copying and
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with other amateur radio clubs. Requests should be sent to the Editor.
Subscriptions are available to non-members for \$10, addressed to the
Treasurer.

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Labels and mailing: WB3KOJ & WB3KOH

Submissions deadline: all copy must be in the hands of the
Editors by the 20th of the previous month.

Sunday Morning Net Schedules

- **2 Meter/ 70cm Net**.....at 09:30et on W3QV repeater
- **10-on-10 Net**at 10:00et 28.393 MHz USB (±QRM)
- **75 meter Net**at 10:20et 3.993 MHz LSB

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<http://www.phil-mont.org>

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For club information: contact any club officer, or the
repeaters listed below. Address or club directory
changes, and articles that are for the membership e-mail
list should be sent to: wb3koj@comcast.net

The club meets at 7:30 PM on the **second non-
holiday Wednesday** of every month except
July and August at

The Masonic Village at Lafayette Hill

801 Ridge Pike

Lafayette Hill, PA 19444-1799

All visitors are welcome!

License Examinations

are held on the **first non-holiday Thursday** each month
(except July and August) at

Northeast High School,

Cottman and Algon Streets, Philadelphia PA

Registration begins at 6:00 P.M. Enter through the SPARC
wing. Exams begin and doors closed and locked at **6:30 P.M.**

Sharp! Applicants should call Dusty ND3Q at 215-879-0505
(day) or 215 482 0386 (eve) for the latest information.

Club Stations

W3QV Club Repeater - Trustee: W3BBB

Ridge & Port Royal Avenues, Philadelphia, PA

147.03 MHz + PL 91.5 Hz ➡ 444.80 MHz + PL 186.2 Hz

Reach us on Echolink through WU3I-L

W3AA -Trustee: WU3I

W3EM - Field Day/special event station Trustee: W3VVS

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Committees

Archives: NG3P

Audit: NS3K

Awards: open

Blurb folding:

WB3KOJ & WB3KOH

Directory: WB3KOJ

DX: N3MT

Emerg. Coord.: K3HWE

Field Day: KE3QB

Internet: K3XS

Membership: N3XKE

Net Control: KB3IV

Publicity: W3RM

Program: Club VP

Public Service: KE3QB

Refreshments: W3AOK

Repeater: W3BBB

Skywarn: WX3PHI

Sunshine: N3GLU

Youth: N3MT

TVI: W3VVS

VE Program: ND3Q

W3AA Trustee: WU3I

Welcome: K3CJ.

Hellschreiber club forming

via Steve - W0SDG

The Bands Are Going to Hell!

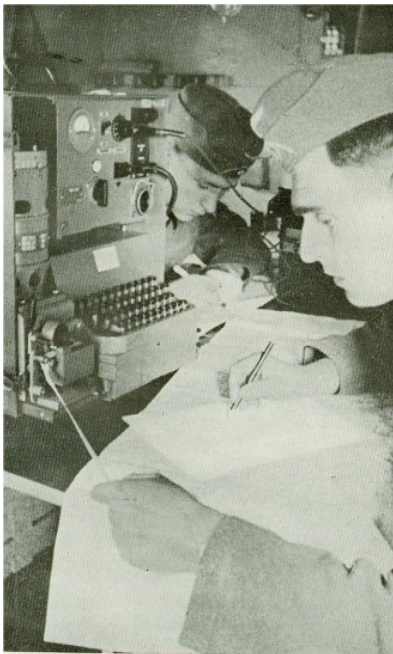
Here is your chance to operate one of the “new” digital modes that has a lot of history behind it.

For the past six or seven years I’ve enjoyed the leisurely pace of Hellschreiber, a digital mode that prints across your computer screen a bit like a fax, which is why it is sometimes dubbed the “fuzzy mode”.



Feld-Hell chugs along at 25 wpm, and some software allows you to print simple pictures like smiley faces and stars. Mostly you’ll find US operators who like to rag chew, but I’ve had some European DX contacts as well.

A RICH HISTORY There is a rich history to this mode, which was originally patented in 1929 by Rudolf Hell and used extensively in portable field operations during WWII. It eventually was employed by some news services and remained in use as recently as 1980. Unlike teleprinters, Hellschreiber machines had only two moving parts and so were mobile and dependable.



Im Aufnahmerraum einer Fernschreibstelle
With Thanks to EA2GRC

Today you don’t need a Hellschreiber machine because of software by IZ8BLY, MultiPSK or the commercial MixW.

ANYBODY OUT THERE? Until recently, Hellschreiber enthusiasts were sometimes frustrated by the low level of activity in the mode. Then in March a Feld-Hell club was formed which has stimulated new interest in the old fuzzy mode. Membership is free and there are some achievement awards, links to a cluster that spots digital stations, a club newsletter and a weekly 20-meter net.



You can learn about the Hellschreiber mode, join the club and get links to software at <http://www.feldhellclub.co.uk/> .

While your editor was researching another aspect of the amazing Gilbreth family, she happened to recall the fragment of the Gilbreth mnemonic system for Morse Code mentioned in the book *Cheaper by the Dozen*. An internet search failed to reveal more information than appeared in the book, but I was pleased to discover I wasn't the only one who'd been down that path.

The O'Reilly book people have been kind enough to allow us to reprint a chapter from their book *Mind Performance Hacks* so I could share it with our readers. Even though the "in an hour or less" claim is a bit exaggerated, maybe some of us who have struggled with the earliest stages of **just remembering which sounds go with which letters** may find it useful.

Learn Morse Code Like an Efficiency Expert

by Ron Hale-Evans

Learn the Morse code alphabet and numbers painlessly and efficiently in an hour or less starting now!

Frank Gilbreth, the industrial psychologist who pioneered efficiency and time-motion studies in the early 20th century, invented a quick and simple way to learn Morse code. Only the first four letters of his Morse alphabet have survived, but this hack reconstructs the rest.

In their book, *Cheaper by the Dozen*, two of Gilbreth's children, now grown, describe how they learned Morse code:

For the next three days Dad was

busy with his paint brush, writing code over the whitewash in every room... On the ceiling in the dormitory bedrooms, he wrote the alphabet together with key words, whose accents were a reminder of the code for the various letters... When you lay on your back, dozing, the words kept going through your head, and you'd find yourself saying, "DANger-ous, dash-dot-dot, DAN-ger-ous." I

This might not be the *best* way to learn Morse code—and understanding it when it is sent to you will certainly take practice—but it is the quickest and simplest method I know of. My family members picked up roughly half the alphabet just by hearing me describe this hack while I was writing it.

In Action

Briefly, the mnemonic for each Morse code letter is a word or phrase beginning with that letter. In Table 6-1, unaccented (unstressed) syllables represent dots in Morse code, and accented (stressed) syllables represent dashes.

Letters

To use Table 6-1, first learn the alphabetic mnemonic associated with each letter, and then reproduce the Morse code for that letter by sounding out the stress in the mnemonic.

For example, the mnemonic for R is *ro-TA-tion*. This is the English word *rotation* with the stress on the

second syllable indicated by capital letters. Because the stresses in this word run unstressed-stressed-unstressed, you know that the Morse for R is .-. (dot-dash-dot).

Numbers

Numbers must be learned somewhat differently, but because they are extremely regular, they are also relatively easy. All numbers in Morse code are five symbols (dots and/or dashes) long, and the number of dots corresponds to the numeral that is being transmitted, as shown in Table 6-2.

How It Works

This hack is yet another example of the power of mnemonics (your dear, dear friend). Remembering the dry and abstract dots and dashes of Morse code is like having to remember an arbitrary and cryptic series of commands to a computer's command-line interface. Creating English mnemonics, however, is like adding a graphical user interface on top of the command line. Simply put, it's like the difference between Windows and DOS.

In Real Life

Why would you want to learn Morse code, anyway? After all, haven't telephones and email made Morse obsolete? Not at all. Morse code is still useful in a variety of situations ranging from technological breakdown during emergencies to interfacing with the latest technology, such as texting devices.

Excerpt taken from *Mind Performance Hacks*

<http://www.oreilly.com/catalog/mindperfhks/>

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Table 6-1. Mnemonics for letters in Morse code

Letter	Morse	Mnemonic	comment
A	· -	a-BOUT	
B	- · · ·	BOIS-ter-ous-ly	
C	- · - ·	CARE-less CHILD-ren	
D	- · ·	DAN-ger-ous	(Gilbreth's list ends here).
E	·	eh?	
F	· · - ·	fe-ne-STRAtion	
G	- - ·	GOOD GRA-vy!	
H	· · · ·	hee hee hee hee	
I	· ·	aye aye	Cheating a little, but a good mnemonic.
J	· - - -	ju-LY'S JANE JONES!	Exclamation upon learning that the famous Jane Jones will be a centerfold. Substitute "JOE JONES" if you prefer.
K	- · -	KET-tle KORN	
L	· - · ·	li-NO-le-um	See <i>A Dictionary of Mnemonics.2</i>
M	- -	MORE MILK!	
N	- ·	NA-vy	
O	- - -	OH! MY! GOD!	Said in your best Valley accent.
P	· - - ·	pa-RADE PAN-el	The people who review the parade.
Q	- - · -	QUEEN's WED-ding DAY	The rhythm is the same as the opening of the familiar Wedding March, also known as "Here Comes the Bride."
R	· - ·	ro-TA-tion	
S	· · ·	si si si	Casual assent from a Spanish speaker.
T	-	THRUST	
U	· · -	un-der WHERE?!	Exclamation of surprise upon learning where underwear is worn.
V	· · · -	va-va-va-VOOM!	Remark upon seeing the July pictorial.
W	· - -	with WHITE WHALE	How Captain Ahab left this world.
X	- · · -	EX-tra ex-PENSE	See <i>A Dictionary of Mnemonics.2</i>
Y	- · - -	YEL-low YO-YO	
Z	- - · ·	ZINC ZOO-keep-er	

Table 6-2. Mnemonics for numbers in Morse code

Number	Morse code	Mnemonic notes
0	- - - - -	0 dots
1	- - - -	1 dot on the left
2	· · - - -	2 dots on the left
3	· · · - -	3 dots on the left
4	· · · · -	4 dots on the left
5	· · · · ·	5 dots
6	- · · · ·	(10 6) dots on the right
7	- - · · ·	(10 7) dots on the right
8	- - - · ·	(10 8) dots on the right
9	- - - - ·	(10 9) dots on the right

Emergencies. You can flash Morse code with a mirror, tap it with two kinds of rock, or use many other methods to send a message far, with few resources.

Assistive technology. Anyone with minimal motor control can send Morse by using whatever they can manage—by tapping a finger or blinking, for example.

Secret communication. You can communicate via hand signals where there might be an audio bug, or by quietly tapping in a room where spoken conversation might be noticed.

Rapid communication. In 2005, the Powerhouse Museum of Sydney, Australia, held a contest between two elderly telegraph operators using Morse code and two teenagers

using text messaging on their mobile phones. The telegraph operators beat them handily, despite their not using any texting abbreviations—and being 93 years old.³

The Tonight Show duplicated the stunt on American television.⁴

After these contests occurred, one clever hacker wrote a free (open source) application for Nokia phones that accepts input in Morse code but sends ordinary text messages, thus allowing users to take advantage of Morse speed, even if the recipient of the message cannot understand Morse.⁵

Philmont Board Meeting-May 3

Ed KB3IV called the Board meeting to order at 7:47 pm. Attending were Al W3STW, Dick W3RM, Ed KB3IV, Maggie K3XS and Fred WA3KIO.

Dick, W3RM reported that we are in financial good shape and three dues payments came in.

Lloyd Sturgeon, W3LYS was voted in as a new member. Welcome to Philmont, Lloyd.

A letter was presented to the board which is to be sent to Northeast High School stating that Philmont will be removing it's equipment from Northeast High School but

leaving W3YC intact and operational.

Ed reported that the repeater is in good shape with minor things taken care of. The scheduler was corrected for daylight saving time. Southampton was down for a few days but is up and running. Newtown and Villanova are OK. The June Board meeting will be held in Telford at the QTH of Jim, W3BBB. No new business was reported and the meeting was adjourned at 8:57 pm.

73 de WA3KIO

End Notes

1. Gilbreth, Frank B., Jr., and Ernestine Gilbreth Carey. 2002. *Cheaper by the Dozen*. HarperCollins Publishers.
2. Anonymous. 1972. *A Dictionary of Mnemonics*. Eyre Methuen. The mnemonics for L and X came from this book, which contributor James Crook made me aware of after I solicited replacements for my own, fairly unimpressive L and X mnemonics. As it's a rare British book, I haven't seen it yet myself.
3. Dybwad, Barb. 2005. "Morse code trumps SMS in head-to-head speed texting combat."
<http://www.engadget.com/entry/1234000463042528>.
4. Video clip from *The Tonight Show*
http://www.makezine.com/blog/archive/2005/05/video_morse_cod.html.
5. "Morse Texter." 2005
http://laivakoir.typepad.com/blog/2005/05/morse_texter.html.

See Also

- See the excellent Morse code page in the Wikipedia for information on niceties such as word and sentence spacing and timing, punctuation, special symbols, accented letters, abbreviations, and so on:
http://en.wikipedia.org/wiki/Morse_code

Philmont General Meeting-May 10

Ed called the meeting to order at 8:00 pm. 14 members attended.

Ed reported that Perry W3PTB was moved to closer rehab facility and is making progress. Maggie reported that the website has been updated to make it current.

Larry K3HWE reported on the ARES net on Sunday nights.

Dick W3RM reported the treasury is in good shape with bills paid and dues in. For the Joanne Hoch and Claude Haring memorial

scholarships, May 30 is the deadline to mail in applications with a June 1st deadline.

It was reported that Philmont would be removing the station from W3AA from Northeast High School due to lack of time by volunteers with W3YC remaining operational with antennas.

Lloyd Sturgeon W3LYS was welcomed as a new member.

The next board meeting would be held at the QTH of W3BBB in Telford.

Dusty ND3Q reported one member at the VE session passed all elements and made Extra class.

Ed KB3IV reported nets are doing fine.

At this time, the meeting was adjourned and the floor turned over to Carmen KE3QB who did his presentation on Field Day.

73 de WA3KIO



Monthly Phil-Mont VE Exam Session Statistics

for **April 6, 2006**

One candidate took two elements,
and we had one new amateur.

Participating VEs were : Dick Moll W3RM, Jim McCloskey NS3K, Bob Freer W3YLT, Ray Hefferman N3FH, Jack Coupe WA3BXH.

for **May 4, 2006**

One candidate took two elements,
and we had one upgrade.

Participating VEs were Jim McCloskey NS3K, Jack Coupe WA3BXH

The VE team is chaired by Dusty Rhoads **ND3Q**,
Upcoming Exam Sessions:

June 1, 2006

(See page 2 for details)



Membership Stats

At press time P.M.R.C. has:

98 Full paid members

9 Family members

0 Youth

1 Honorary members

June Birthdays

01 Linda Weinberg (XYL KC2OVR)**

03 Jennifer Miller – KB3MIV

04 Dick Moll - W3RM

Sue Sadwin - N2CYA

06 Chuck Hillman - K3QLY

10 Thomas Maresca (OM K3YPH)

12 Miriam Elmaleh - K3UJI

15 Coupe John - WA3BXH

24 Anthony Vece - W2AJV

30 Mike Lenczynski - KA3EIP

Fred Rice - WA3KIO

*New Member 2005

** New Member 2006

Want to Trade

10 m Mobile Transceiver-25 Watt output
for a **2 m** 15 to 25 Watt output.

The radio is a

Radio Shack HTX-10. 19-1110

Single-side band, FM bands, 5 Frequency
Memory, Manual, Auto scan, mike gain and
RF gain controls, noise blanker and
automatic noise limiter, condenser mike.

New Radio Shack 10 m antenna included.

Never got the antenna on the roof.

Only received on the radio. Never
transmitted.

contact Bill Kane, N3OOL,
610-296-8575 dutch3@starpower.net.

June 2006 with PMRC

VE Exams, Northeast High School(see p2)

Thursday 01

Friday 02

Saturday 03

Sunday 04

NCS N3QV

Monday 05

Tuesday 06

Wednesday 07

PMRC Board meeting -at W3BBB QTH

Thursday 08

Friday 09

Saturday 10

Sunday 11

NCS N3FH

Monday 12

Tuesday 13

Wednesday 14

PMRC General Meeting at Masonic Village (see p2)

Thursday 15

Friday 16

Saturday 17

Sunday 18

NCS KB3IV

Monday 19

Tuesday 20

Wednesday 21

Thursday 22

Friday 23

Saturday 24

ARRL Field Day - Ft Washington State Park

Sunday 25

NCS N3OWM

Monday 26

Tuesday 27

Wednesday 28

Thursday 29

Friday 30

First Class Mail

The Phil-Mont Mobile Radio Club, Inc
641 Kismet Road Philadelphia PA 19115

The Blue